

07/13/01
Jc912 U.S. PTO

Docket No. 005850USA/ETEC/MBE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Jc903 U.S. PTO
09/905561
07/13/01

Re: Inventor(s): MATTHEW J. JOLLEY et al.
Title: PATTERN GENERATION METHOD AND APPARATUS USING CACHED CELLS OF HIERARCHICAL DATA

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract, totaling 38 pages.
☒ Drawings totaling 1 pages, Formal ☒ Informal.
☒ Executed Declaration and Power of Attorney.
☒ Assignment of the invention to **Applied Materials, Inc.**
☒ Assignment Recordation Cover Sheet
☒ Information Disclosure Statement and Form 1449 along with copies 8 references recited therein
☒ Postage Paid Return Postcard

FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	34	-20 =	14	X\$18.00	\$252.00
Independent Claims	12	-3 =	9	X\$80.00	\$720.00
Basic Filing Fee				\$710.00	\$710.00
TOTAL FEES					\$1,682.00

- ☒ The Commissioner is hereby authorized to charge \$1,682.00 to Deposit Account No. 50-1074.
☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.
☒ Please address all future correspondence to:

PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O. BOX 450A
Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Express Mail Receipt No. 6759277923-15
Date of Deposit 7-13-01
Signature [Signature]

Respectfully submitted,

[Signature]
Peter J. Sgarbossa
Registration No. 25,610

APPLICATION FOR UNITED STATES LETTERS PATENT

APPLICANTS:

MATTHEW J. JOLLEY
15170 NW Perimeter Drive
Beaverton, OR 97006

ASHER KLATCHKO
4324 SE 28th Avenue
Portland, OR 97202

ROBERT MARC SILLS
18431 Joseph Drive
Castro Valley, CA 94546

TITLE:

PATTERN GENERATION METHOD AND
APPARATUS USING CACHED CELLS OF
HIERARCHICAL DATA

DOCKET NO.:

5850 USA/ETEC/RWM

APPLIED MATERIALS, INC.

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, as "Express Mail Post Office to Addressee" Mailing Label No: EJ758277423US on 7-13-01

Name of person mailing papers: SETH M. KILPATRICK

Signature

Date

PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O. Box 450A
Santa Clara, CA 95052